Bangalore Electricity Supply Company Limited

Technical Specification for Distribution Transformer maintenance Chart Board

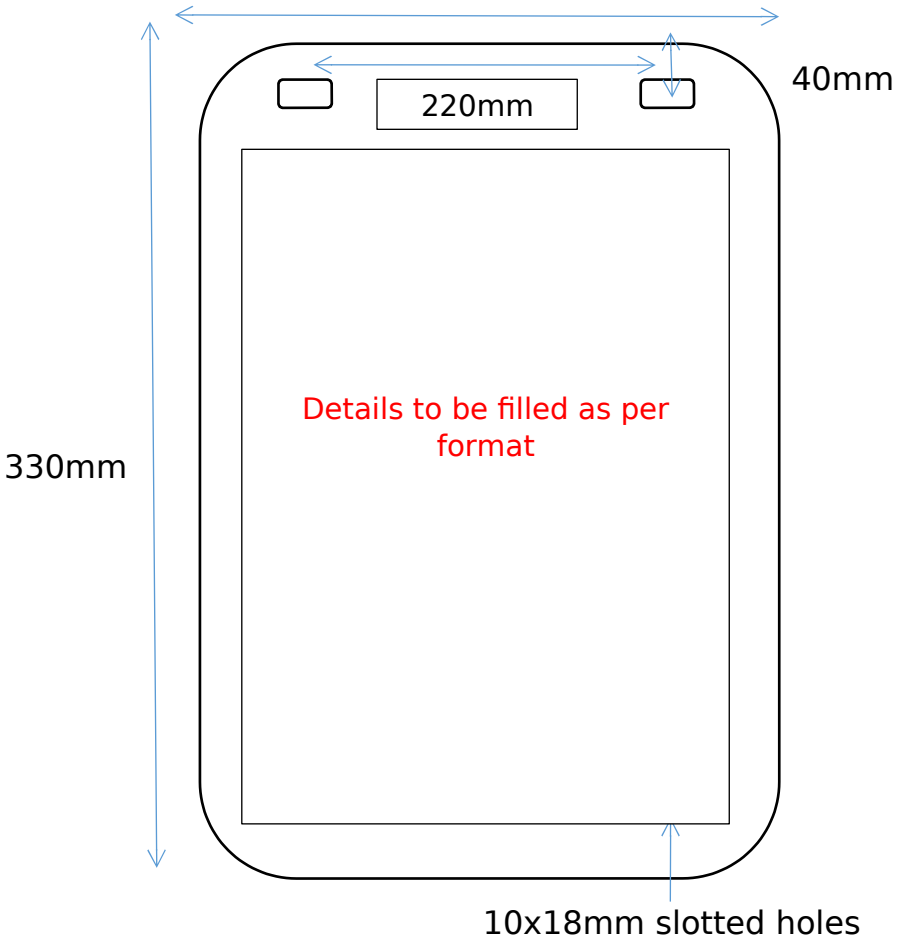
1. **Material:** The plate shall be made from G.I. Sheet as per IS 277 (2003) of **1.6 mm** thick of Size 330mm x 280mm. The plate shall be vitreous weather proof enamelled white with letters in signal red colour [IS: 5-1978] on the front side or digitally printed vinyl sticker. The rear side of the plate shall be G.I coated. The size and shape of the plate details as given at Sl. No. 5

2. **Clamp:** The 2 Nos. of G.I clamp should have minimum thickness of 2mm of size 280x25x2mm for Flat and 470x25x2 for U shape clap are having center distance 220mm for holding the plate. The holes on the clamp shall be slotted holes of 10x18mm. The hot dip galvanized bolt, nut & washers shall be used. The size of bolt shall be 8mm of length 25mm/250mm as per field requirement with full threaded with two nuts and two double washers for each bolt. (4 Nos. of bolt, nuts and washers set for each plate).

3. **Mounting:** The clamps design shall be such that the plate can be abled to fix on RCC/PSCC poles, Spun poles or DTC centers fencing at suitable height of 5 to 6ft.
4. **Printing:** The details shown in the below table shall be digitally printed vinal sticker or stencil writing with weather proof UV resistant paint on which entries shall be made by paint or permanent marker.

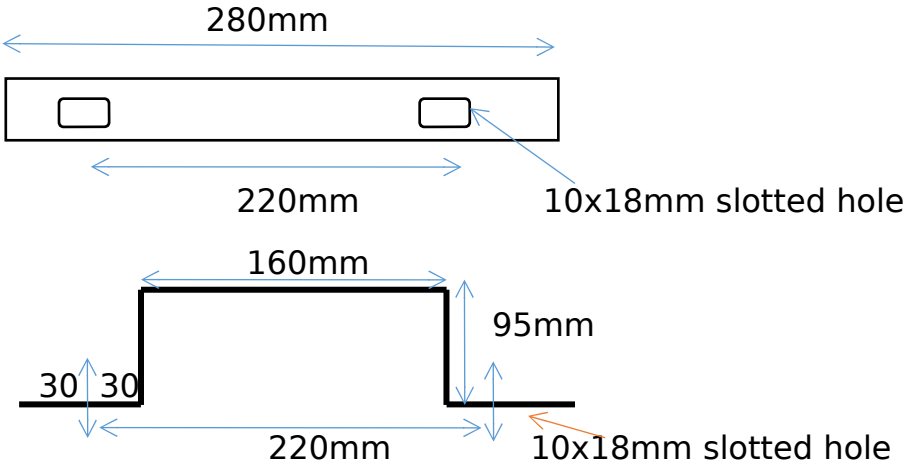
Distribution Transformer Center Maintenance Chart		
Sl.No	**Date of Maintenance**	**Next Due Date of Maintenance**
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
“Property of BESCOM Call 1912 for BESCOM Stick No Bills		

5. Plate size details



Note: The corners of the plates shall be rounded off

7. **G.I Flat** of 300x25mm of thickness 2mm (Length of the bolt is 25mm/250mm long as per field requirement) Mesh/ transformer center angles or channels.



8. C shaped G.I. Clamp of size 470mmx25mm of thickness 2mm for D.P structure Pole & suitable clamps for Spun pole

General Manager (El.)